

Appl. No. : 10/044,304
Filed : October 25, 2001

3. (Amended) A lens comprising:
a first area having a constant index of refraction; and
at least one second area having a varying index of refraction.

4. (Amended) The lens of claim 3 wherein said second area lies along an optical axis of a patient.

5. (Amended) The lens of claim 3 comprising at least a third area having a varying index of refraction that corrects higher order aberrations.

6. (Amended) The lens of claim 3 in which said second area lies along an optical axis of a patient and corrects higher order aberrations for a first discrete gazing angle, and in which said first area lies along said optical axis of said patient and corrects lower order aberrations for a second discrete viewing angle.

7. (Amended) The lens of claim 3 in which said first area corrects for the distant vision of a patient and said second area corrects for the near vision of said patient.

8. (Amended) The lens of claim 3 in which said second area corrects higher order aberrations resulting from dysfunctional retinal tissue.

Please add new Claims 9-11 as follows:

9. (New) The lens of claim 1 in which said material is an epoxy.

10. (New) A method for correcting retinal dysfunction, comprising:
identifying a patient having dysfunctional retinal tissue such that a portion of an image projected onto a retina by an eye of said patient is unseen by said patient; and